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October 3, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Attorney Docket: 36636-166652 JPS

Attention: PCT-DO/US

Re: International Application PCT/DK99/00169 filed 25 March 1999
Priority Claimed: Denmark Appl. No. 0495/98 filed April 07, 1998

Inventor(s): Birgitte HANSEN et al.

**Title: A ROOF WINDOW WITH MAIN FRAME AND SASH
COVERING MEMBERS**

Sir:

Submitted herewith, as the first submission, are the following for the purposes of entering the national stage for the USA under 35 U.S.C. 371(c), **immediate national examination under 35 U.S.C. 371(f) being requested.**

- X Copy of International Application No. PCT/DK99/00169 published as WO 99/51831, which is an English-language translation of the application as filed.
- X Copy of the International Preliminary Examination Report with Amended Pages 1-4 and 12-16, Annexes to the International Preliminary Examination Report.
- X Four Sheets of Drawings, Figs. 1-6.
- X Preliminary Amendment.
- X Inventor Declaration.
- X Assignment, coversheet and recordation fee.



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Please note for purposes of U.S. examination, the application includes the following pages of the International Preliminary Examination Report: Amended pages 1-4 and 12-16.

Fees: (see formula below) Check Enclosed

Basic National Fee \$840.00/420.00.....\$1000.00
Assignment Recordation Fee..... \$40.00


TOTAL FEES FOR THE ABOVE APPLICATION... \$1040.00

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 22-0261 and notify us accordingly.

Please use the following address for corresponding with all counsel of record:

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Respectfully submitted,


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JPS/rgf

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re PATENT APPLICATION of

Applicant : Birgitte HANSEN et al.

Int'l Appl. No. : PCT/DK99/00169

Filed : 25 March 1999

For : A ROOF WINDOW WITH MAIN
FRAME AND SASH COVERING
MEMBERSAttorney Docket :
36636-166652 JPS**PRELIMINARY
AMENDMENT**

October 3, 2000Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to calculation of the fees, please amend the claims attached to the International Preliminary Examination Report as follows:

In claim 4, line 1, delete "2 or 3,".

In claim 7, lines 1 and 2, change "one of the preceding claims" to --claim 1--.

In claim 8, line 1, change "claims 3 and 7" to --claim 3--.

In claim 10, line 1, delete "8 or 9,".

In claim 11, line 1, change "claims 4 and 9" to --claim 4--.

In claim 12, lines 1 and 2, change "any of the preceding claims" to --claim 1--.

In claim 14, lines 1 and 2, change "any of the preceding claims" to --claim 1--.

REMARKS

This Preliminary Amendment is made to eliminate multiple claim dependency.

Examination on the merits of the application is requested.

Respectfully submitted,



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A ROOF WINDOW WITH MAIN FRAME AND SASH COVERING MEMBERS

The present invention relates to a roof window with a pane supporting frame structure consisting of 5 horizontal top and bottom members connected by parallel side members, which are at least partially wood profiles which on the outwards facing sides are covered by weather-shielding covering members for sealing enclosure of the subjacent wood profiles on all surfaces 10 protruding from the roofing, said covering members being connected with the wood profiles by means of engagement and securing means which are designed in such manner and/or positioned such relative to the covering members that penetration of water and moisture 15 into the wood profiles is substantially prevented, the covering members comprising a hood-like upper covering cap for covering the top member, an interior glazing profile for covering a part of the upper edge of each frame side member facing the light-admitting area of 20 the window, an exterior covering member for covering the part of the exterior side of each frame side member protruding from the roofing and the adjoining part of the upper edge of the frame side member, and a cap member overlapping the glazing profile and said 25 covering member, the cap member being at the bottom secured to the lower part of the side member, whereas at the top it is secured to the upper part of the side member.

Roof windows of this type, both openable and not 30 openable, are well known and are widely used for ensuring improved admittance of daylight when converting ceilings of buildings into rooms for accommodation and business purposes.

The purpose of using weather-shielding covering 35 members, which may consist of comparatively thin metal

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sheet profiles, for instance of aluminium, or plastic profiles, is to provide, to the highest degree possible, a total exterior protection of the wood profiles in the top, bottom and side members of the main frame and sash structures.

In conventional embodiments of roof windows the covering members are typically secured to the wood profile members of the main frame and sash structures by means of screw connections which are screwed directly into the subjacent wooden parts, which in order to obtain a sufficiently exact mounting requires pre-bored screw holes in the wooden parts and has turned out to entail a risk of moisture or water penetration into the wooden parts, in particular through the screw holes in the covering members.

In openable roof windows, the covering members on the outwards facing sides of the side members of the main frame and sash structures typically comprise an upper and a lower cap member in connection with the upper part of the main frame side member above the pivot axis and with the lower part of the sash side member under the pivot axis such that the lower cap member may follow the swinging of the sash structure by opening of the window. In conventional windows it has in respect of these cap members turned out to be difficult to obtain a satisfactory sealing at the transition between the upper and lower cap members, and at the lower end of the lower cap members.

Attempts have been made to solve this problem by use of a roof window known from DE-A-24 43 098, in which covering members are secured to the main frame and sash profiles by engagement with shackles fastened to the profiles by screws or nails. However, this design makes it necessary to mount the covering members by sliding them on the main frame and sash profiles in

the longitudinal direction thereof.

The object of the invention is to provide a system of covering members for a roof window with a fully closed enclosure of the wooden parts of the frame and sash profiles, the mounting being at the same time facilitated.

To meet this object, the roof window according to the invention is characterized in that the cap member is retained at its upper end at said top by said upper covering cap and is provided at said bottom with an integral bent, hidden engagement means for snapping engagement with an engagement means secured at the lower end of the side member.

In this way a particular good protection of the wood profiles against moisture or water penetration is obtained and the mounting is at the same time facilitated, the cap member being first slid under the upper covering cap and then connected with its lower end to the lower end of the side member by snapping engagement.

The invention may advantageously be used both in connection with not openable roof windows with a frame structure fixedly positioned in the roof structure and in connection with conventional, openable roof windows.

A preferred embodiment of such an openable roof window is according to the invention obtained thereby that the sash structure has a pivot axis parallel with and approximately halfway between the top and bottom members, and that said cap member comprises an upper and a lower cap member placed on either side of the pivot axis, the upper cap member being secured to the upper part of the main frame side member or to an intermediate sash arm connected between the frame and sash side members, whereas the lower cap member is secured to the lower part of the sash side member, said

cap members being at a short distance from the lower end of the upper cap member and the upper end of the lower cap member provided with securing means for being secured to fittings in fixed connection with the main frame side members or said intermediate sash arms, respectively, and with the sash side members, but positioned outside of the wood profiles thereof.

Further advantageous embodiments of the roof window according to the invention and the accompanying covering members are stated in the subclaims.

The invention will now be explained in detail in the following with reference to the schematic drawing, in which

Fig. 1 is a perspective view of an embodiment of a roof window according to the invention,

Fig. 2 is an exploded view corresponding to Fig. 1, in which the covering members have been removed from the wood profiles in the frame and sash structures of window,

Fig. 3 is a schematic lateral view, partly in section, for illustration of an example of the connection between an upper and a lower cap member,

Fig. 4 is a lateral view, partly in section, of the window shown in Figs 1 and 2 in an open position,

Fig. 5 is a lateral view of a particular embodiment of the roof window as a combined top/pivot window, and

Fig. 6 is a partial section of a frame side member for illustrating the fastening of frame covering members.

In the embodiment shown in Figs 1 and 2, the roof window according to the invention is an openable window with a main frame structure comprising a top member 1, a bottom member 2, and side members 3 and 4, and an openable sash structure with a top member 5, a bottom

member 6, and side members 7 and 8.

By means of swing fittings 9, known per se, between the frame and sash side members 3, 4 and 7, 8 the sash structure is pivotally journaled in the frame 5 structure with an axis of rotation 10 parallel with the top and bottom members and substantially halfway between them.

The top, bottom and side members of the frame and sash structures are for the major part built up by wood 10 profiles which on all surfaces that are exposed to the weather are covered by covering members which, in the embodiment shown, are constituted of comparatively thin metal sheet profiles, for instance of aluminium, and which together provide a completely weather-shielding 15 enclosure of the window.

Thus the frame side members 3 and 4 are covered by elongate covering members 11 with a substantially Z-shaped cross section comprising a sidewall 11a covering the upper, outwards facing side surface of the frame 20 side member positioned outside the roofing perpendicular to the roof surface, in which the window is mounted, an upper wall 11b covering the adjacent upper edge of the frame side member, and a comparatively low flange wall 11c protruding from the upper wall.

25 The frame bottom member 2 is covered by an elongate covering member 12 with substantially L-shaped cross section and comprising a bottom wall 12a covering the underside of the frame bottom member perpendicular to the roof surface, and an upper wall 12b covering the 30 adjacent upper side of the frame bottom member.

To establish a tight connection at the transition between the two frame side covering members 11 and the frame bottom covering member 12, the side covering members 11 are at their lowest ends provided with 35 engagement flanges 13 in form of bent exterior parts of

the sidewalls 11a for engagement with protruding flange members 14 from the ends of the bottom covering member 12.

The frame covering members 11 and 12 are connected 5 with their respective frame profiles 3, 4 and 2 by means of screws which are preferably screwed into the upper edges of the frame profiles, as explained in detail in the following with reference to Fig. 5.

In the sash structure the top and side members are 10 covered by an interior glazing profile 15 facing the pane area of the window and having an inwards protruding glazing profile 15a which via an intermediate sealing strip abuts the edge of the pane member 16 of the window, said pane member being typically a 2 or 3 15 layer sealed glazing unit. In continuation of the glazing profile flange 15a, the glazing profile 15 comprises along the edges of the double pane 16 a substantially U-shaped profile member with an upright flange wall 15b, which on the sash side members 7 and 20 8 follows the low flange wall 11c of the covering members 11 on the frame side members 3 and 4.

Correspondingly, the sash bottom member 6 is covered by a substantially L-shaped covering member 17 with a glazing profile 18 here covering the entire 25 upper side of the sash bottom member 6, and by an underlying wall 19 covering the underside of the sash bottom member and overlapping the covering member 12 on the frame bottom member 2.

The parts of the covering members 11 and the 30 glazing profiles 15 positioned on the top side of the frame and sash side members are on each side overlapped by the axis of rotation 10 of an upper cap member 20 and a lower cap member 21, respectively. These cap members are designed as flat, trough-shaped profiles 35 with identical, substantially U-shaped profile cross

section comprising an exterior wall 20a, 21a and two low side walls 20b, 21b and 20c, 21c covering the low upright flange walls 11c and 15b on the covering member 11 and the glazing profile 15, respectively.

5 As will be seen from Figs 2 and 3, the lower cap member 21 is at its upper end provided with a joggled connection member 22 which is inserted under the lower end of the upper cap member 20. The connection member 22 has such a shape, for instance slightly wedge-shaped
10 as shown, that the cap members 20 and 21 in the closed position of the window are positioned in extension of one another, their exterior walls 20a and 21a and sidewalls 20b, 21b and 20c, 21c, respectively, in alignment. This design of the cap members 20 and 21
15 imparts to the window in the closed position an outer appearance of the window which is attractive from a design point of view, the cap members 20 and 21 appearing at each side of the window as one integral member.

At the same time the joggling of the connection
20 member 22 ensures that the lower cap member 21 secured to the sash side member 7, 8 by opening of the window as shown in Fig. 3 may follow the lower part of the sash structure during its swinging out and thus unimpededly may swing outwards relative to the upper cap
25 member 20, which in the embodiment shown is secured to the frame side member 3, 4.

As will be more clearly seen from Fig. 3, the joggled connection member 22 forms at the transition to the cap member 21 a groove 22a providing a pressure
30 relief chamber which prevents water from penetrating from below under the upper cap member 20.

In the embodiment shown, the lower cap member 21 is manufactured by a pressing operation such that the side carriages 21b-c at the bottom are shaped in one
35 piece with a bottom wall 21d with smooth corners. This

kind of closing contributes to the attractive appearance of the window and provides a good protection of the lower parts of the sash side members 7 and 8 against the weather.

5 The upper and lower cap members 20 and 21 are according to the invention connected with the respective frame and sash side members 3, 4 and 7, 8, respectively, such that they are easy to mount with great accuracy and moreover easy to dismount, the moisture
10 influence on and water penetration into the wooden parts of the frame and sash side members being substantially prevented.

 The upper cap member 20 is thus secured by a connection member 23 at its upper end solely by an
15 upper covering member 32 for the frame and sash top members 1 and 5 against a support member 234, which in the embodiment shown is secured to the top side of the frame side member 3, 4.

 The lower cap member 21 is at its lowest end
20 provided with an engagement means which in the embodiment shown has the shape of an engagement bracket protruding from the bottom wall 21d and being parallel with the exterior wall 20a, said bracket having a keyhole-shaped recess 26 for engagement with and
25 retainment of a tap member 27 secured to the covering member 17 on the sash bottom member 6.

 At their opposite ends the upper cap member 20 and the lower cap member 21 are provided with securing means in the form of screw holes 28 for screws 29 to be
30 screwed into screw fittings 30 and 31, which in the embodiment shown are connected with the frame and sash side members 3, 4 and 7, 8 outside the wood profiles thereof.

 The screw fittings 30 and 31 may advantageously be
35 made of plastic material and secured to those parts of

the swing fitting 9 which is connected with the frame side member 3, 4 and the sash side member 7, 8, respectively. In this way it is not necessary to drive fastening screws into the wooden parts of the frame and 5 sash side members.

At the top members 1 and 5 of the frame and sash structures the enclosure of the window is finished by the substantially hood-shaped top cap 32, which in the embodiment in Figs 1 - 3 is made in one piece and 10 connected with the frame top member 1. The top cap 32 is designed such that it covers the upper parts of the covering members on the frame and sash side members 3, 4, and 7, 8, respectively, including the upper parts of the upper cap members 20.

15 In Fig. 5 in a schematic side view an alternative embodiment of the roof window as a combined turn/pivot window is shown, in which the sash structure under normal use is top-hung relative to the frame structure 34, such that the window, as shown in a solid line, 20 functions as a top-hung pivot window which is opened by means of a separate control handle 35 on the interior side of the sash bottom member.

To make it possible to swing the window sash approximately 180° to a convenient cleaning position, 25 the sash structure 33 is moreover pivotally connected with an intermediate sash with sash arms 36, which in the closed position of the window are positioned between the upper parts of the frame and sash side members 2, 4 and 7, 8, respectively, and which during 30 normal use of the window as a top-hung turning window follow the sash side members. The axis of rotation of this swingable connection lies approximately halfway between the top and bottom members in the same manner as shown in Fig. 4, and operation of the window to this 35 pivot or swing movement is carried out in a manner

frequently used in connection with roof windows by means of a ventilation and control flap 37 which releases a (not shown) locking mechanism positioned between the frame and sash top members.

5 As this double pattern of movement entails that the upper part of the sash both during normal use as a top-hung window must be pivotable outwards relative to the frame and, at said swing movement to a cleaning position, has to be swingable inwardly relative to the
10 frame in the same manner as shown in Fig. 4, the upper cap member 20' which besides may be designed in the same manner as the cap member 20 in Figs 1 and 2, being at each side secured to the intermediate sash arm 36, the upper end of a bottom part 38 of the top cap
15 connected with the intermediate sash being retained against a support member connected with the intermediate sash arm, whereas the lower part with a screw connection is secured to the screw fitting 30' which is connected with the part of the (not shown) swing
20 fitting connected with the intermediate sash arm 36 between the intermediate sash arm and the sash side member 7, 8.

In the embodiment shown in Fig. 5, the top cap is also in consideration of the above moving possibilities
25 made in two pieces, comprising the bottom part 38 connected with the intermediate sash and a top part 39 connected with the frame top member 39.

The above design and mounting of the upper and lower cap members 20 and 21 provide a particular good
30 protection of the wooden parts of the sash profiles and the other wooden parts of the frame profiles not covered by the other covering members, i.a. as a consequence of the fact that fastening screws for the caps are not screwed into the wooden parts.

35 As shown i Fig. 6 a good protection may be

obtained in respect of the screw connections between the frame side covering members 11 and the frame side members 3, 4 against water penetration into the wooden parts of the frame side members by use of a bearing bushing 40 of plastic material to be placed in a pre-bored groove 41 in the wood profile. The bearing bushing 40 has a gradually reduced cylindrical shape with a head portion 42 for receiving the bent down (by countersinking) edge area 43 of the covering member 11 around the screw hole 44 and a constricted shaft member 45 with protruding barbs 46 for retaining the bushing in the pre-bored recess 41. A hole 47 is provided in the bottom of the shaft part 47 with a smaller diameter than the fastening screw, such that when the screw is driven in, a good sealing is provided.

For further safeguarding of the screw connection an upright collar 48 may be provided in the bottom of the head portion 42 of the bushing or several upright flaps serving as washer plate against the countersunk edge area 43 ensuring that the screw head cannot be screwed over and deform the covering member 11.

P A T E N T C L A I M S

1. A roof window with a pane supporting frame structure consisting of horizontal top and bottom members (1, 2; 5, 6) connected by parallel side members (2, 4; 7, 8), which are at least partially wood profiles which on the outwards facing sides are covered by weather-shielding covering members (11, 12, 15, 17, 20, 21, 32) for sealing enclosure of the subjacent wood profiles on all surfaces protruding from the roofing, said covering members being connected with the wood profiles by means of engagement and securing means (23-29, 40) which are designed in such manner and/or positioned such relative to the covering members that penetration of water and moisture into the wood profiles is substantially prevented, the covering members comprising a hood-like upper covering cap (32) for covering the top member (1, 5), an interior glazing profile (15) for covering a part facing the light-admitting area of the window of the upper edge (7, 8) of each frame side member, an exterior covering member (11) for covering the part protruding from the roofing of the exterior side of each frame side member (3, 4) and the adjoining part of the upper edge of the frame side member, and a cap member (20, 21) overlapping the glazing profile (15) and said covering member (11), the cap member being at the bottom secured to the lower part of the side member (7, 8), whereas at the top it is secured to the upper part of the side member (3, 4), characterized in that the cap member (20, 21) at is retained at said top by said upper covering cap (32) and is provided at said bottom with an integral bent, hidden engagement means (25, 26) for snapping engagement with an engagement means (24) secured at the lower end of the side member (7, 8).

2. A roof window according to claim 1, characterized in that the cap member (20, 21) is provided with a locking means (27, 28) for locking the cap member (20, 21) to the side member (7, 8).

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a c t e r i z e d in that the frame structure comprises a pivot sash accommodated in a main frame structure with top, bottom and side members (1 - 4) at least partially made of wood profiles, the hood-like
 5 upper covering cap (32) covering the top members (1, 5) of the main frame and sash structures, whereas the exterior covering member (11) covers the exterior side of each main frame side member (3, 4) and the adjoining part of its upper edge.

10 3. A roof window according to claim 2, c h a r - a c t e r i z e d in that the sash structure has a pivot axis (10) parallel with and approximately halfway between the top and bottom members (1, 2; 5, 6), and that said cap member comprises an upper and a lower cap
 15 member (20, 21) placed on either side of the pivot axis, the upper cap member (20) being secured to the upper part of the main frame side member (3, 4) or to an intermediate sash arm (36) connected between the main frame and sash side members (3, 4; 7, 8), whereas
 20 the lower cap member (21) is secured to the lower part of the sash side member, said cap members (20, 21) being at a short distance from the lower end of the upper cap member and the upper end of the lower cap member provided with securing means for being secured
 25 to fittings in fixed connection with the main frame side members (3, 4) or said intermediate sash arms, respectively, and with the sash side members (7, 8) outside the wood profiles thereof.

4. A roof window according to claim 1, 2 or 3,
 30 c h a r a c t e r i z e d in that the engagement means at the bottom of the cap member (21) comprises an engagement bracket (25) parallel with the exterior wall (21a) of the cap member, said bracket being provided with a keyhole-shaped recess (26) for engagement with
 35 and securing of a pin member (27) fastened to the frame

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side member (7, 8).

5 5. A roof window according to claim 3, c h a r -
a c t e r i z e d in that said securing means comprise
screw holes (28) in the exterior walls (20a, 21a) of
the cap members (20, 21) and in that said fittings are
screw fittings (30, 31) for screws (29).

10 6. A roof window according to claim 5, c h a r -
a c t e r i z e d in that said screw fittings (30, 31)
are connected with a swing fitting in connection with
the main frame side member (3,4) or said intermediate
sash arm (36) and the sash side member (7,8), respect-
ively.

15 7. A roof window according to one of the preceding
claims, c h a r a c t e r i z e d in that the cap
member (20, 21) is designed as a flat, trough-shaped
profile with U-shaped profile cross section comprising
an exterior wall (20a, 21a) and two low side walls
(20b-c, 21b-c) covering upright flange walls (15b, 11c)
on the glazing profile (15) and the exterior covering
20 member (11).

25 8. A roof window according to claims 3 and 7,
c h a r a c t e r i z e d in that the upper and the
lower cap members have the same profile cross section
and that the lower cap member (21) at its upper end has
a joggled connection member (22) inserted under the
lower end of the upper cap member (20), said connection
member having such a shape that the cap members (20,
21) in the closed position of the window are placed
with their exterior walls (20a, 21a) and side walls
30 (20b-c, 21b-c) in alignment with each other, and in
that the lower cap member (21), when the window is
opened, may swing unimpededly outwards relative to the
upper cap.

35 9. A roof window according to claim 8, c h a r -
a c t e r i z e d in that said joggled connection

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member (22) on the lower cap member (21) against the lower end of the upper cap member (20) forms a pressure relieve chamber (22a) to prevent water penetration from below under the upper cap member (20).

5 10. A roof window according to claim 7, 8 or 9, characterized in that the cap member (21) at the bottom is provided with a bottom wall (21d) integrally connected with its side walls (21b-c).

10 11. A roof window according to claims 4 and 9, characterized in that said engagement bracket (25) is designed as a bent flange member in parallel with the exterior wall (21a) of the lower cap member (21), said flange member being connected with said bottom wall (21d).

15 12. A roof window according to any of the preceding claims, characterized in that the exterior frame covering members (11) at their lowest ends are provided with engagement flanges (13) for sealing, positive locking engagement with protruding
20 flange members (14) from the ends of an exterior frame covering member (12) for the frame bottom member (2).

13. A roof window according to claim 3, in which the sash structure (33) under normal use is accommodated as a top-hung pivot window with an axis of
25 rotation at the main frame and sash top members (1', 5'), whereas said pivot axis approximately halfway between the top and bottom members (1', 2'; 5', 6') is provided by pivotal connection of the sash side members (7', 8') to intermediate sash arms (36) with a view to
30 making a turning of the window into a cleaning position possible, characterized in that the upper cap member (20') is secured to said intermediate sash arms (36), and that an upper covering member for the top members (1', 5') is made in two pieces with a lower
35 part (38) connected with the intermediate sash and an

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

upper part (39) connected with the frame top member (1').

14. A roof window according to any of the preceding claims, characterized in that frame covering members (11) are secured to the frame structure (3, 4) by screw connections (29) screwed into bearing bushings (40) of plastic material, said bushings being secured to the wood profiles of the frame structure (3, 4).

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

AMENDED

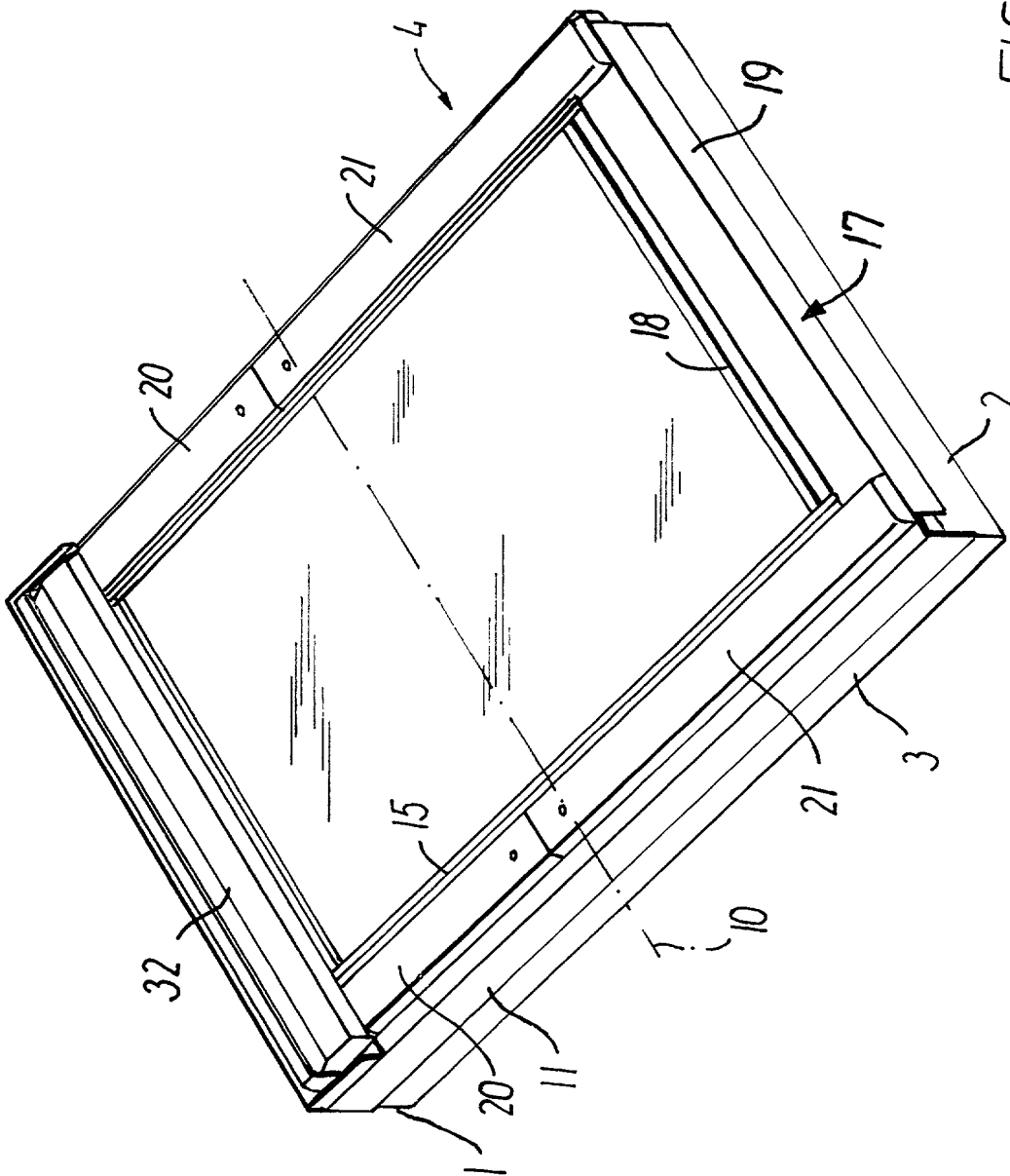
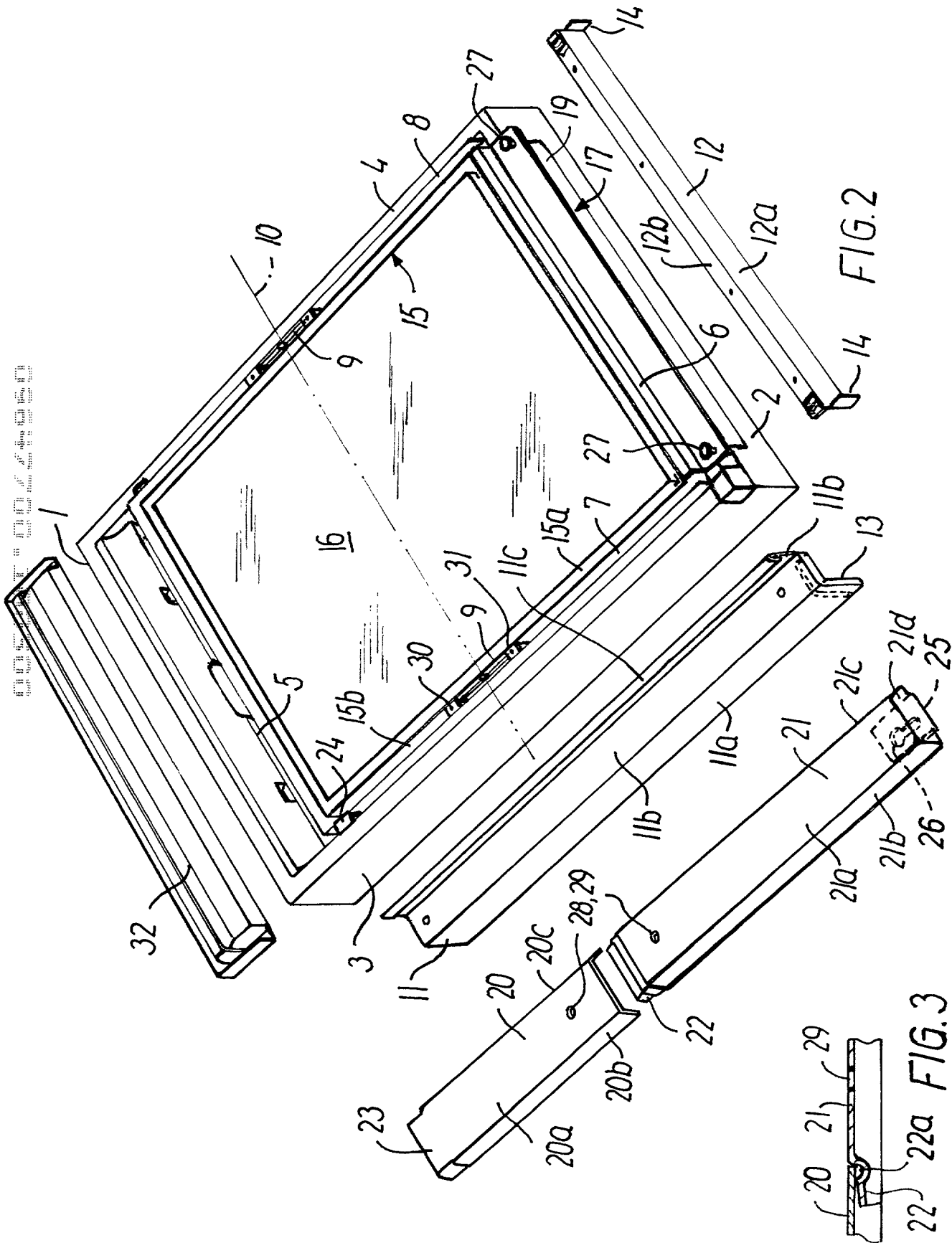


FIG. 1



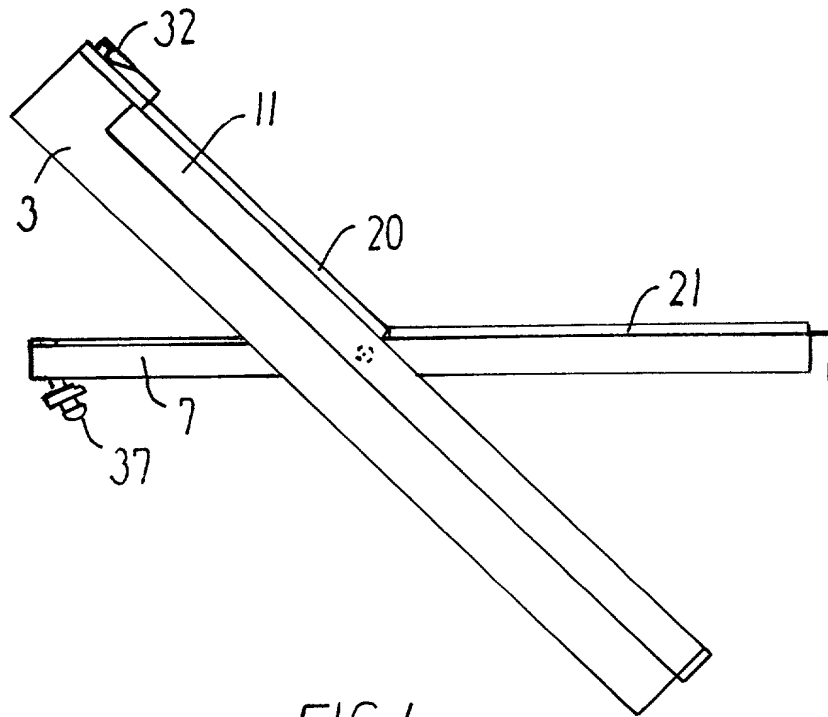


FIG. 4

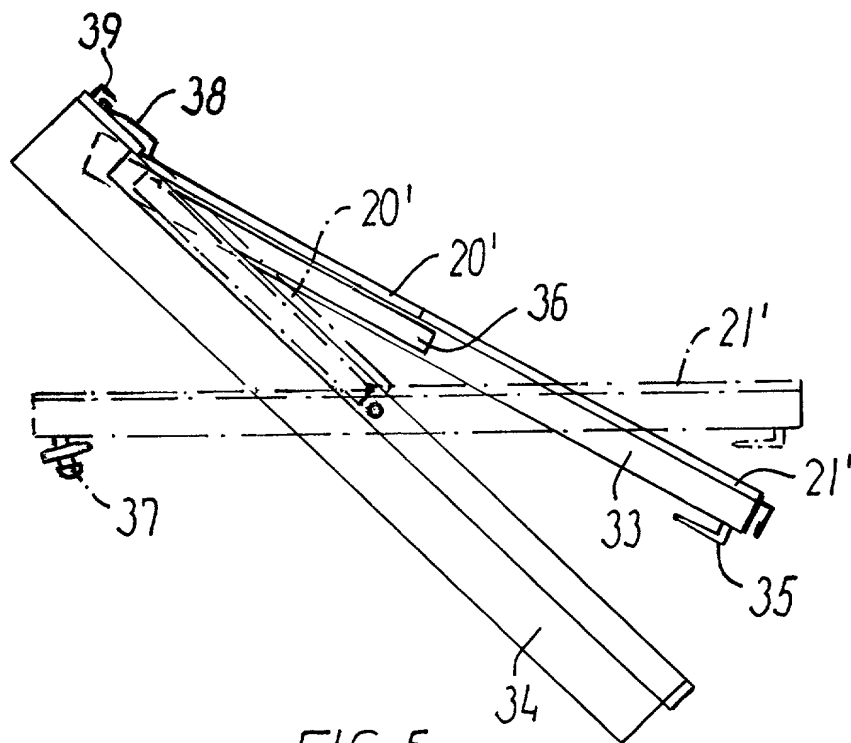


FIG. 5

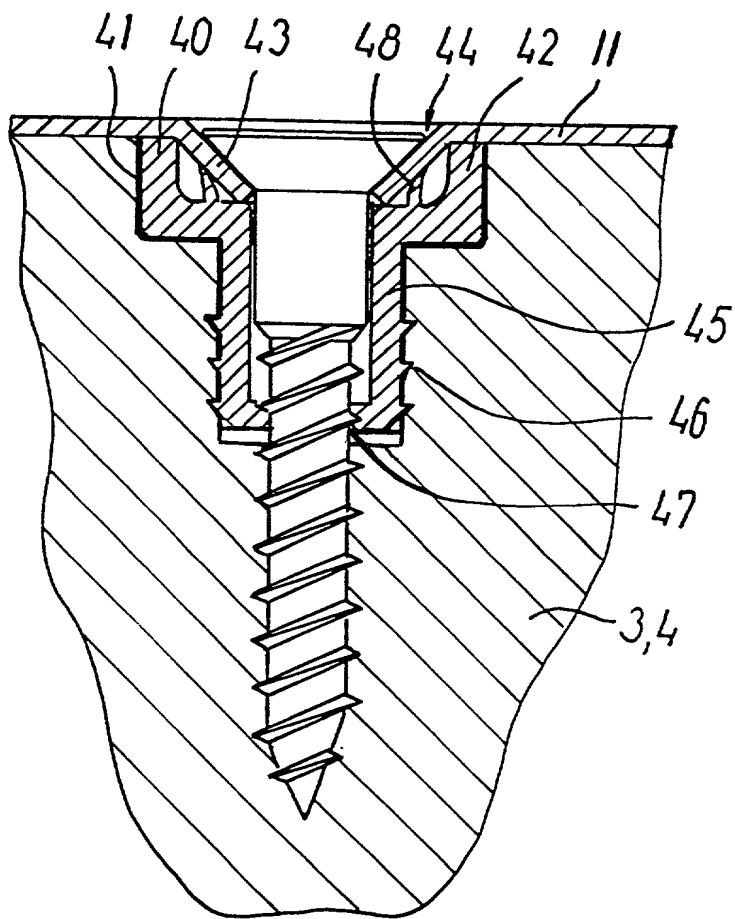


FIG. 6

**DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS**

Attorney Docket

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "A ROOF WINDOW WITH MAIN FRAME AND SASH COVERING MEMBERS", the specification of which

[] is attached hereto.

[] was filed on _____, as Application No. _____, and was amended on _____ [if applicable].

[x] was filed under the Patent Cooperation Treaty on 25.03.99 Serial No. PCT/DK99/00169, the United States of America being designated.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent, utility model, design or inventor's certificate listed below and have also identified below any foreign application(s) for patent, utility model, design or inventor's certificate having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Number	Country	Date Filed	Yes	No
<u>0495/98</u>	<u>Denmark</u>	<u>07 April 1998</u>	<u>X</u>	

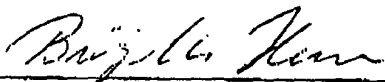
I hereby appoint the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: George H. Spencer (Reg. No. 18,038), Robert J. Frank (Reg. No. 19,112), Norman N. Kunitz (Reg. No. 20,586), Gabor J. Kelemen (Reg. No. 21,016), John W. Schneller (Reg. No. 26,031), Marina V. Schneller (Reg. No. 26,032), Robert Kinberg (Reg. No. 26,924), Allen Wood (Reg. No. 28,134), Ashley J. Wells (Reg. No. 29,847), James R. Burdett (Reg. No. 31,394), Michael A. Gollin (Reg. No. 31,957), Catherine M. Voorhees (Reg. No. 33,074), G. Abe Zachariah (Reg. No. 38,366), Julie A. Petruzzelli (Reg. No. 40,769), Catherine A. Ferguson (Reg. No. 40,877), Michael A. Sartori (Reg. No. 41,289), Charles C. P. Rorles (Reg. No. 43,381), Keith G. Haddaway (Reg. No. 46,180), Richard L. Aitken, (Reg. No. 18,791), Clifton E. McCann, (Reg. No. 29,365), John P. Shannon, (Reg. No. 29,276), Andrew C. Aitken, Registration (No. 36,729), Laurence J. Marhoefer, (Reg. No. 21,094), and Ralph P. Albrecht, (Reg. No. 43,466) all at Suite 1000, 1201 New York Avenue, N.W., Washington, D.C. 20005-3917. Telephone: (202) 962-4800, Telefax: (202) 962-8300. Address all correspondence to VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

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The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

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